

River and station	Flood stage	Above flood stages—dates		Crest	
		From—	To—	Stage	Date
<b>ATLANTIC DRAINAGE—continued</b>					
Haw: Moncure, N. C.	22	12	12	22.9	12
Wacamac: Conway, S. C.	7	20	(1)	9.3	30, 31
Peedee:					
Cheraw, S. C.	27	2	3	31.0	3
		12	14	34.0	13
		19	26	34.9	21
Mars Bluff, S. C.	17	3	11	20.2	7
		14	30	23.2	25
Lynches: Effingham, S. C.	14	18	28	17.1	21, 24
Black: Kingstree, S. C.	12	17	28	15.1	21, 22
Santee:					
Rimmi, S. C.	12	(2)	(1)	23.8	23
Ferguson, S. C.	12	(2)	(1)	17.1	24
Oatawba: Catawba, S. C.	12	20	20	12.5	20
Waterce: Camden, S. C.	24	12	14	27.5	13
		19	22	31.0	20
Congaree: Columbia, S. C.	15	2	2	16.0	2
		12	13	18.5	12
		18	22	23.5	20
Broad: Blairs, S. C.	15	1	2	17.5	1
		11	14	19.9	12
		18	21	20.9	20
Saluda:					
Felzer, S. C.	7	1	1	7.0	1
		11	13	8.2	12
		18	21	8.8	20
Chappells, S. C.	14	1	3	16.5	2
		11	14	18.9	13
		17	23	20.5	20
Savannah: Augusta, Ga.	32	12	12	32.2	12
		18	21	36.5	20
Broad: Carlton, Ga.	11	12	12	16.0	11
		18	20	17.0	18
Oconee:					
Milledgeville, Ga.	22	1	1	22.9	1
		11	13	29.3	12
		17	23	36.7	19
Dublin, Ga.	22	14	15	23.4	14
		18	25	29.8	21
Ocmulgee:					
Macon, Ga.	18	11	13	19.8	11
		17	22	27.5	19
Hawkinsville, Ga.	29	19	24	36.7	20
Abbeville, Ga.	11	4	(1)	20.3	23
Lumber City, Ga.	15	16	(1)	26.0	21
<b>EAST GULF DRAINAGE</b>					
Apalachicola:					
River Junction, Fla.	15	4	4	15.0	4
		12	(1)	32.1	24
Blountstown, Fla.	20	14		27.9	27
Flint:					
Woodbury, Ga.	10	17	21	16.7	19
Monteruma, Ga.	20	19	23	25.0	20
Albany, Ga.	20	13	29	36.6	21
Bainbridge, Ga.	25	15	(1)	39.6	24
Chattahoochee:					
West Point, Ga.	20	17	20	24.6	18
Columbus, Ga.	20			45.6	19
Eufaula, Ala.	40	12	13	43.0	12
		17	23	59.8	20
Alaga, Ala.	30	12	25	44.5	21
Alabama:					
Montgomery, Ala.	35	17	26	53.4	20
Selma, Ala.	35	17	28	53.6	22, 23
Tallahassee:					
Milstead, Ala.	40	17	20	47.0	19
Coosa:					
Gadsden, Ala.	22	20	24	23.4	21, 22
Lock No. 4, Lincoln, Ala.	17	18	26	19.7	20
Wetumpka, Ala.	45	18	23	52.0	19
Etowah: Canton, Ga.	41	18	19	13.8	19
Cahaba: Centerville, Ala.	25	17	19	29.1	18
Tombigbee: Lock No. 4, Demopo- la, Ala.	39	16	29	53.0	25
Black Warrior: Lock No. 10, Tus- caloosa, Ala.	46	18	21	54.7	19
Pascagoula: Merrill, Miss.	20	19	25	21.5	21
Chickasawhay:					
Enterprise, Miss.	21	18	21	29.6	19
Shubuta, Miss.	27	20	24	32.6	22
Leaf: Hattiesburg, Miss.	19	18	21	21.3	20
Pearl:					
Edinburg, Miss.	21	21	22	21.0	21, 22
Jackson, Miss.	20	18	30	28.8	25
Monticello, Miss.	18	18	22	21.6	18
Columbia, Miss.	18	17	25	23.7	20
Bogue Chitto: Franklinton, La.	16	18	19	18.8	18
West Pearl: Pearl River, La.	13	19	(1)	17.1	21
Holston, North Fork: Mendota, Va.	8	1	(1)	8.0	1
		12	12	9.0	12
<b>PACIFIC DRAINAGE</b>					
Willamette:					
Eugene, Oreg.	12	(2)	(2)	14.0	Dec. 30
Oregon City, Oreg.	12	31	(1)		
Santiam: Jefferson, Oreg.	10	30	31	11.8	30

MEAN LAKE LEVELS DURING JANUARY, 1925

By UNITED STATES LAKE SURVEY

[Detroit, Mich., February 4, 1925]

The following data are reported in the "Notice to Mariners" of the above date:

Data	Lakes <sup>1</sup>			
	Superior	Michigan and Huron	Erie	Ontario
Mean level during January, 1925:				
Above mean sea level at New York.....	Feet 601.12	Feet 578.24	Feet 570.62	Feet 244.22
Above or below—				
Mean stage of December, 1924.....	-0.30	-0.24	-0.16	-0.36
Mean stage of January, 1924.....	-0.48	-0.34	-0.65	-0.55
Average stage for January, last 10 years.....	-0.91	-1.51	-0.94	-0.96
Highest recorded January stage.....	-1.66	-4.43	-2.93	-3.38
Lowest recorded January stage.....	+0.24	-0.34	-0.34	+0.42
Average relation of the January level to—				
December level.....		(2)	-0.1	(2)
February level.....		(2)	+0.1	(2)

<sup>1</sup> Lake St. Clair's level: In January, 1925, 573.04 feet.  
<sup>2</sup> Practically no difference.

EFFECT OF WEATHER ON CROPS AND FARMING OPERATIONS, JANUARY, 1925

By J. B. KINCER

*General summary.*—In the Southeastern States, the first and middle parts of the month were unfavorable for farm work because of frequent rainfall, and soon after the middle excessive rains occurred in parts of this area which caused flooding of lowlands and washing of fields. The high waters were especially bad in central and southern Georgia where there was much damage to truck crops. Considerable plowing was accomplished in the west Gulf section, and during the latter part of the month the warmer weather and generally lighter precipitation permitted much outdoor work in Central and Northern States.

A good snow cover was present during most of the month over much of the principal wheat-producing area, which was generally favorable for grains and grass, but at the same time the snow-covered range was rather unfavorable for stock interests in many grazing districts of the West.

*Small grains.*—The weather of January was generally favorable for winter wheat and other fall-sown grains. There was some complaint of alternate thawing and freezing in the extreme lower Great Plains and parts of the Ohio Valley, but most of the principal Wheat Belt had a good snow cover practically throughout the month. During the latter part much snow disappeared in the central Mississippi Valley and Great Plains and many wheat fields had become bare, but no severe injury from cold was noted, and the ice sheet that persisted over Missouri, west-central Illinois, and parts of the western Lake region apparently did no great amount of harm. Cereal crops made fairly good progress in the Southern States, except in the Southwest where it was too dry, and they were favorably affected by the weather in the Pacific-coast districts.

*Ranges, pastures, and livestock.*—An unusual amount of feeding of livestock was necessary during the month over the western grazing districts, made necessary by the snow-covered range and, in some sections, by the cold weather. The latter part of the month was more favorable in the Northwest and considerable range was made available, but the long previous period of cold weather

<sup>1</sup> Continued at end of month.  
<sup>2</sup> Continued from last month.  
<sup>3</sup> Estimated.

<sup>4</sup> Probably too high.  
<sup>5</sup> Below flood stage at 8 a. m., Jan. 1, 1925.